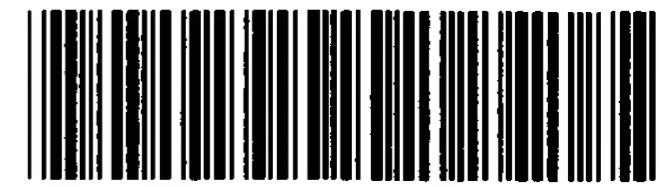


tcc



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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/855,313A

DATE: 04/26/2002
TIME: 11:56:27

Input Set : A:\SEQUENCE LIST.txt
Output Set: N:\CRF3\04262002\I855313A.raw

3 <110> APPLICANT: Strom, Terry B.
4 Maslinski, Wlodzimierz
5 Zheng, Xin Xiao
6 Kim, Yon Su
7 Lacraz, Sylvie Ferrari
9 <120> TITLE OF INVENTION: COMPOSITION AND METHOD FOR ACHIEVING IMMUNE SUPPRESSION
11 <130> FILE REFERENCE: 01948-056001
13 <140> CURRENT APPLICATION NUMBER: US 09/855,313A
C--> 14 <141> CURRENT FILING DATE: 2002-04-11
16 <150> PRIOR APPLICATION NUMBER: US 60/203,801
17 <151> PRIOR FILING DATE: 2000-05-12
19 <160> NUMBER OF SEQ ID NOS: 7
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 489
25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapiens
28 <220> FEATURE:
29 <221> NAME/KEY: CDS
30 <222> LOCATION: (1)...(486)
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34 Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr
35 1 5 10 15
37 ttg tgt tta ctt cta aac agt cat ttt cta act gaa gct ggc att cat 96
38 Leu Cys Leu Leu Asn Ser His Phe Leu Thr Glu Ala Gly Ile His
39 20 25 30
41 gtc ttc att ttg ggc tgt ttc agt gca ggg ctt oct aaa aca gaa gcc 144
42 Val Phe Ile Leu Gly Cys Phe Ser Ala Gly Leu Pro Lys Thr Glu Ala
43 35 40 45
45 aac tgg gtg aat gta ata agt gat ttg aaa aaa att gaa gat ctt att 192
46 Asn Trp Val Asn Val Ile Ser Asp Leu Lys Ile Glu Asp Leu Ile
47 50 55 60
49 caa tct atg cat att gat gct act tta tat acg gaa agt gat gtt cac 240
50 Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
51 65 70 75 80
53 ccc agt tgc aaa gta aca gca atg aag tgc ttt ctc ttg gag tta caa 288
54 Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Ile Gln
55 85 90 95
57 gtt att tca ctt gag tcc gga gat gca agt att cat gat aca gta gaa 336
58 Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
59 100 105 110
61 aat ctg atc atc cta gca aac aac agt ttg tct tct aat ggg aat gta 384

ENTERED

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Output Set: N:\CRF3\04262002\I855313A.raw

62 Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
63 115 120 125
65 aca gaa tct gga tgc aaa gaa tgt gag gag gaa aaa aat att 432
66 Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Lys Asn Ile
67 130 135 140
69 aaa gaa ttt ttg gac agt ttt gta cat att gtc gac atg ttc atc aac 480
70 Lys Glu Phe Leu Asp Ser Phe Val His Ile Val Asp Met Phe Ile Asn
71 145 150 155 160
73 act tct tga 489
74 Thr Ser
78 <210> SEQ ID NO: 2
79 <211> LENGTH: 162
80 <212> TYPE: PRT
81 <213> ORGANISM: Homo sapiens
83 <400> SEQUENCE: 2
84 Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr
85 1 5 10 15
86 Leu Cys Leu Leu Leu Asn Ser His Phe Leu Thr Glu Ala Gly Ile His
87 20 25 30
88 Val Phe Ile Leu Gly Cys Phe Ser Ala Gly Leu Pro Lys Thr Glu Ala
89 35 40 45
90 Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
91 50 55 60
92 Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
93 65 70 75 80
94 Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
95 85 90 95
96 Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
97 100 105 110
98 Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
99 115 120 125
100 Thr Glu Ser Gly Cys Lys Glu Cys Glu Leu Glu Lys Asn Ile
101 130 135 140
102 Lys Glu Phe Leu Asp Ser Phe Val His Ile Val Asp Met Phe Ile Asn
103 145 150 155 160
104 Thr Ser
104 <210> SEQ ID NO: 3
110 <211> LENGTH: 489
111 <212> TYPE: DNA
112 <213> ORGANISM: Homo sapiens
114 <220> FEATURE:
115 <221> NAME/KEY: CDS
116 <222> LOCATION: (1)...(486)
118 <400> SEQUENCE: 3
119 atg aga att tcg aaa cca cat ttg aga agt att tcc atc cag tgc tac 48
120 Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr
121 1 5 10 15
123 ttg tgt tta ctt cta aac agt cat ttt cta act qaa qct ggc att cat 96
124 Leu Cys Leu Leu Asn Ser His Phe Leu Thr Glu Ala Gly Ile His

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Output Set: N:\CRF3\04262002\I855313A.raw

125	20	25	30	
127	gtc ttc att ttg ggc tgt ttc agt gca ggg ctt cct aaa aca gaa gcc			144
128	Val Phe Ile Leu Gly Cys Phe Ser Ala Gly Leu Pro Lys Thr Glu Ala			
129	35	40	45	
131	aac tgg gtg aat gta ata agt gat ttg aaa aaa att gaa gat ctt att			192
132	Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile			
133	50	55	60	
135	caa tct atg cat att gat gct act tta tat acg gaa agt gat gtt cac			240
136	Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His			
137	65	70	75	80
139	ccc agt tgc aaa gta aca gca atg aag tgc ttt ctc ttg gag tta caa			288
140	Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln			
141	85	90	95	
143	gtt att tca ctt gag tcc gga gat gca agt att cat gat aca gta gaa			336
144	Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu			
145	100	105	110	
147	aat ctg atc atc cta gca aac aac agt ttg tct tct aat ggg aat gta			384
148	Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val			
149	115	120	125	
151	aca gaa tct gaa tgc aaa gaa tgt gag gaa ctg gag gaa aaa aat att			432
152	Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile			
153	130	135	140	
155	aaa gaa ttt ttg cag agt ttt gta cat att gtc caa atg ttc atc aac			480
156	Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn			
157	145	150	155	160
159	act tct tga			489
160	Thr Ser			
163	<210> SEQ ID NO: 4			
164	<211> LENGTH: 162			
165	<212> TYPE: PRT			
166	<213> ORGANISM: Homo sapiens			
168	<400> SEQUENCE: 4			
169	Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr			
170	1	5	10	15
171	Leu Cys Leu Leu Leu Asn Ser His Phe Leu Thr Glu Ala Gly Ile His			
172	20	25	30	
173	Val Phe Ile Leu Gly Cys Phe Ser Ala Gly Leu Pro Lys Thr Glu Ala			
174	35	40	45	
175	Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile			
176	50	55	60	
177	Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His			
178	65	70	75	80
179	Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln			
180	85	90	95	
181	Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu			
182	100	105	110	
183	Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val			
184	115	120	125	
185	Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile			

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DATE: 04/26/2002
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Output Set: N:\CRF3\04262002\I855313A.raw

186	130	135	140	
187	Lys Glu Phe Leu Gln Ser	Phe Val His Ile Val Gln Met Phe Ile Asn		
188	145	150	155	160
189	Thr Ser			
192	<210> SEQ ID NO: 5			
193	<211> LENGTH: 25			
194	<212> TYPE: DNA			
195	<213> ORGANISM: Artificial Sequence			
197	<220> FEATURE:			
198	<223> OTHER INFORMATION: Synthetically generated oligonucleotide			
200	<400> SEQUENCE: 5			
201	qqaattcaac tgggtgaatg taata		25	
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204	<211> LENGTH: 26			
205	<212> TYPE: DNA			
206	<213> ORGANISM: Artificial Sequence			
208	<220> FEATURE:			
209	<223> OTHER INFORMATION: Synthetically generated oligonucleotide			
211	<400> SEQUENCE: 6			
212	cgggatcctc aagaagtgtt gatgaa		26	
214	<210> SEQ ID NO: 7			
215	<211> LENGTH: 60			
216	<212> TYPE: DNA			
217	<213> ORGANISM: Artificial Sequence			
219	<220> FEATURE:			
220	<223> OTHER INFORMATION: Synthetically generated oligonucleotide			
222	<400> SEQUENCE: 7			
223	cgggatcctc aagaagtgtt gatgaacatg tcgacaatat gtacaaaact gtccaaaaat		60	

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/855,313A

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Output Set: N:\CRF3\04262002\I855313A.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date